CCS Technical Documentation
NSM-9DX Series Transceivers

Parts List

Issue 1 10/02
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Parts List of HG9 (EDMS Issue 1.0)

Item	Code	Side	X	Y	Part name	Value	Description
B200	4510303	Top	R	3	CRYSTAL 32.768KHZ+-20PPM 12.5PF	32.768kHz	~
B301	5140211	Top	C	3	BUZZER 85DB 3KHZ 3.0V 10.4X8.7X3.1	~	~
B302	5140067	Top	C	5	SPEAKER+SPRING 103+-3DB 32R D13.2	~	~
C100	2320744	Top	S	4	Chipcap X7R 10% 50V 0402	1n0	normal,-10%,10%
C101	2320536	Top	R	6	Chipcap 5% NP0	10p	normal,-5%,5%
C102	2320536	Top	R	7	Chipcap 5% NP0	10p	normal,-5%,5%
C103	2320544	Top	R	5	Chipcap 5% NP0	22p	normal,-5%,5%
C104	2320548	Top	R	2	Chipcap 5% NP0	33p	normal,-5%,5%
C105	2320544	Top	R	7	Chipcap 5% NP0	22p	normal,-5%,5%
C107	2320544	Bottom	P	4	Chipcap 5% NP0	22p	normal,-5%,5%
C108	2320538	Top	R	3	Chipcap 5% NP0	12p	normal,-5%,5%
C109	2315201	Bottom	O	5	CHIP ARRAY NP0 2X27P K 25V 0405	2x27p	normal,-10%,10%
C111	2315205	Top	Q	6	CHIP ARRAY X5R 2X1N M 16V 0405	2x1n	normal,-20%,20%
C112	2320778	Top	R	6	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C113	2320778	Top	R	6	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C114	2320604	Bottom	P	3	Chipcap 5% NP0	18p	normal,-5%,5%
C115	2320546	Bottom	P	3	Chipcap 5% NP0	27p	normal,-5%,5%
C151	2315209	Top	O	2	CHIP ARRAY X5R 2X33N M 10V 0405	2x33n	normal,-20%,20%
C152	2320546	Top	R	7	Chipcap 5% NP0	27p	normal,-5%,5%
C153	2315205	Top	P	2	CHIP ARRAY X5R 2X1N M 16V 0405	2x1n	normal,-10%,10%
C154	2320744	Top	O	2	Chipcap X7R 10% 50V 0402	1n0	normal,-10%,10%
C155	2315209	Top	P	2	CHIP ARRAY X5R 2X33N M 10V 0405	2x33n	normal,-20%,20%
C156	2320604	Top	R	7	Chipcap 5% NP0	18p	normal,-5%,5%
C157	2320481	Top	Q	6	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C158	2320805	Top	R	4	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C160	2315201	Top	F	3	CHIP ARRAY NP0 2X27P K 25V 0405	2x27p	normal,-10%,10%
C161	2315213	Top	R	6	CHIP ARRAY NP0 2X22P K 25V 0405	2x22p	normal,-10%,10%
C163	2315213	Top	Q	6	CHIP ARRAY NP0 2X22P K 25V 0405	2x22p	normal,-10%,10%
C165	2320805	Top	P	2	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C166	2320805	Top	O	2	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C168	2320546	Top	O	2	Chipcap 5% NP0	27p	normal,-5%,5%
C201	2320481	Top	R	4	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C202	2320778	Bottom	Q	4	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C203	2320481	Bottom	O	2	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C204	2320481	Top	Q	6	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C205	2320481	Top	R	3	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C206	2320481	Top	Q	3	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C207	2320481	Top	N	3	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C208	2320481	Top	N	4	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C209	2320536	Top	R	3	Chipcap 5% NP0	10p	normal,-5%,5%
C210	2320536	Top	R	3	Chipcap 5% NP0	10p	normal,-5%,5%
C211	2320481	Top	P	7	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C212	2320481	Top	R	2	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C213	2320481	Top	R	3	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C214	2320481	Top	R	3	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C215	2320481	Top	O	2	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C218	2320805	Top	N	4	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C219	2320481	Top	Q	6	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C221	2320481	Top	Q	5	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C222	2320481	Top	P	5	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C223	2320481	Top	Q	5	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C224	2320481	Top	P	6	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C225	2320481	Top	P	5	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%

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Item	Code	Side	X	Y	Part name	Value	Description
C226	2320481	Top	N	5	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C227	2320481	Top	P	7	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C228	2320481	Top	P	6	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C229	2320481	Top	P	6	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C230	2320481	Top	P	5	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C231	2320481	Top	N	5	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C232	2320481	Top	P	6	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C233	2320481	Top	Q	6	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C234	2320481	Top	P	6	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C235	2320481	Top	R	2	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C236	2320805	Top	N	5	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C237	2320805	Top	N	4	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C238	2320805	Top	Q	5	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C239	2320805	Top	N	3	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C240	2315203	Top	N	2	CHIP ARRAY X5R 2X10N M 16V 0405	2x10n	normal,-20%,20%
C241	2315203	Top	N	2	CHIP ARRAY X5R 2X10N M 16V 0405	2x10n	normal,-20%,20%
C242	2320805	Top	R	5	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C243	2320481	Bottom	P	4	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C250	2315213	Top	P	8	CHIP ARRAY NP0 2X22P K 25V 0405	2x22p	normal,-10%,10%
C260	2320481	Top	Q	5	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C261	2320481	Top	Q	4	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C262	2320481	Top	Q	7	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C263	2320481	Top	Q	5	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C264	2320481	Top	Q	5	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C265	2320481	Top	P	7	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C301	2320125	Top	K	6	CHIPCAP X5R 1U K 16V 0603	1u0	normal,-10%,10%
C303	2315211	Bottom	G	5	CHIP ARRAY X5R 2X100N Y 10V 0405	2x100n	normal,-20%,10%
C306	2320546	Top	N	2	Chipcap 5% NP0	27p	normal,-5%,5%
C307	2320604	Top	N	2	Chipcap 5% NP0	18p	normal,-5%,5%
C308	2320778	Top	E	3	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C312	2320544	Top	K	5	Chipcap 5% NP0	22p	normal,-5%,5%
C319	2320744	Bottom	N	2	Chipcap X7R 10% 50V 0402	1n0	normal,-10%,10%
C320	2320544	Bottom	D	8	Chipcap 5% NP0	22p	normal,-5%,5%
C350	2320805	Bottom	F	7	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C351	2312243	Bottom	F	7	CHIPCAP X5R 4U7 K 6V3 0805	4u7	normal,-10%,10%
C357	2310041	Bottom	K	6	CHIPCAP X5R 1U5 K 10V 0805	1u5	normal,-10%,10%
C358	2320520	Bottom	J	7	Chipcap +-0.25pF NP0	2p2	normal,-0.25pF,0.25p
C359	2320520	Bottom	J	7	Chipcap +-0.25pF NP0	2p2	normal,-0.25pF,0.25p
C360	2320805	Bottom	H	5	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C361	2320805	Bottom	J	8	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C362	2320805	Bottom	J	6	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C363	2320481	Bottom	J	8	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C364	2310793	Bottom	I	6	CHIPCAP X5R 2U2 K 10V 0805	2u2	normal,-10%,10%
C365	2320481	Bottom	H	6	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C366	2320481	Bottom	I	6	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C367	2320805	Bottom	J	6	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C368	2320805	Bottom	H	6	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C369	2320744	Bottom	H	7	Chipcap X7R 10% 50V 0402	1n0	normal,-10%,10%
C370	2320137	Bottom	J	6	CHIPCAP X5R 470N K 10V 0603	470n	normal,-10%,10%
C371	2320137	Bottom	J	6	CHIPCAP X5R 470N K 10V 0603	470n	normal,-10%,10%
C372	2320598	Bottom	J	5	Chipcap 5% X7R	3n9	normal,-5%,5%
C373	2320805	Bottom	J	5	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C374	2320744	Bottom	G	6	Chipcap X7R 10% 50V 0402	1n0	normal,-10%,10%
C375	2320778	Bottom	H	5	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C378	2320805	Top	P	2	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%

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Item	Code	Side	X	Y	Part name	Value	Description
C389	2320805	Bottom	M	6	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C400	2320778	Top	N	3	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C401	2320805	Top	N	3	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C402	2320778	Top	N	4	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C403	2320778	Top	L	5	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C404	2320778	Top	L	5	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C405	2320778	Top	L	5	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C406	2320778	Top	M	2	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C420	2320560	Bottom	H	4	Chipcap 5% NP0	100p	normal,-5%,5%
C421	2320560	Top	O	5	Chipcap 5% NP0	100p	normal,-5%,5%
C422	2320560	Top	O	5	Chipcap 5% NP0	100p	normal,-5%,5%
C450	2320778	Top	N	5	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C451	2320805	Top	N	5	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C454	2320779	Top	M	7	CHIPCAP X7R 100N K 16V 0603	100n	normal,-10%,10%
C470	2320546	Top	M	2	Chipcap 5% NP0	27p	normal,-5%,5%
C471	2320546	Top	M	2	Chipcap 5% NP0	27p	normal,-5%,5%
C472	2320546	Top	M	2	Chipcap 5% NP0	27p	normal,-5%,5%
C500	2320534	Bottom	C	2	Chipcap +-0.25pF NP0	8p2	normal,-0.25pF,0.25pF
C501	2320546	Bottom	D	2	Chipcap 5% NP0	27p	normal,-5%,5%
C502	2320602	Bottom	E	3	Chipcap +-0.25pF NP0	4p7	normal,-0.25pF,0.25pF
C503	2320560	Bottom	E	2	Chipcap 5% NP0	100p	normal,-5%,5%
C504	2320491	Bottom	F	2	CHIPCAP X7R 220N K 10V 0603	220n	normal,-10%,10%
C505	2320560	Bottom	G	2	Chipcap 5% NP0	100p	normal,-5%,5%
C506	2320560	Bottom	G	2	Chipcap 5% NP0	100p	normal,-5%,5%
C507	2320778	Bottom	D	2	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C508	2320508	Bottom	D	3	Chipcap +-0.25pF NP0	1p0	normal,-0.25pF,0.25pF
C509	2320538	Bottom	C	3	Chipcap 5% NP0	12p	normal,-5%,5%
C549	2320538	Bottom	C	2	Chipcap 5% NP0	12p	normal,-5%,5%
C550	2320536	Bottom	C	3	Chipcap 5% NP0	10p	normal,-5%,5%
C551	2320536	Bottom	D	3	Chipcap 5% NP0	10p	normal,-5%,5%
C552	2320514	Bottom	E	3	Chipcap +-0.25pF NP0	1p2	normal,-0.25pF,0.25pF
C553	2320536	Bottom	E	3	Chipcap 5% NP0	10p	normal,-5%,5%
C554	2320805	Bottom	E	4	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C555	2320560	Bottom	G	3	Chipcap 5% NP0	100p	normal,-5%,5%
C556	2320560	Bottom	G	3	Chipcap 5% NP0	100p	normal,-5%,5%
C557	2320536	Bottom	E	3	Chipcap 5% NP0	10p	normal,-5%,5%
C600	2320548	Bottom	H	5	Chipcap 5% NP0	33p	normal,-5%,5%
C601	2320554	Bottom	G	3	Chipcap 5% NP0	56p	normal,-5%,5%
C602	2320778	Bottom	I	5	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C603	2320778	Bottom	I	4	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C604	2320536	Bottom	I	4	Chipcap 5% NP0	10p	normal,-5%,5%
C605	2320805	Bottom	I	2	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C606	2320481	Bottom	H	4	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C608	2320783	Bottom	I	3	CHIPCAP X7R 33N K 10V 0402	33n	normal,-10%,10%
C609	2320562	Bottom	I	3	Chipcap 5% NP0	120p	normal,-5%,5%
C610	2320562	Bottom	I	3	Chipcap 5% NP0	120p	normal,-5%,5%
C611	2320783	Bottom	I	3	CHIPCAP X7R 33N K 10V 0402	33n	normal,-10%,10%
C612	2320778	Bottom	I	2	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C613	2320805	Bottom	H	2	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C614	2320778	Bottom	K	3	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C615	2320558	Bottom	H	2	Chipcap 5% NP0	82p	normal,-5%,5%
C616	2320552	Bottom	I	4	Chipcap 5% NP0	47p	normal,-5%,5%
C617	2320552	Bottom	I	4	Chipcap 5% NP0	47p	normal,-5%,5%
C620	2320481	Bottom	I	2	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C621	2320481	Bottom	I	2	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%

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Item	Code	Side	X	Y	Part name	Value	Description
C622	2320481	Bottom	I	2	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C623	2320481	Bottom	I	2	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C624	2314001	Bottom	H	2	CHIPCAP NP0 470P J 6V3 0402	470p	normal,-5%,5%
C625	2314001	Bottom	H	2	CHIPCAP NP0 470P J 6V3 0402	470p	normal,-5%,5%
C626	2314001	Bottom	H	2	CHIPCAP NP0 470P J 6V3 0402	470p	normal,-5%,5%
C627	2314001	Bottom	H	2	CHIPCAP NP0 470P J 6V3 0402	470p	normal,-5%,5%
C650	2320554	Bottom	K	4	Chipcap 5% NP0	56p	normal,-5%,5%
C651	2320629	Bottom	I	3	CHIPCAP NP0 1P0 B 50V 0402	1p0	normal,-0.1p,0.1p
C652	2320633	Bottom	K	4	CHIPCAP NP0 220P J 25V 0402	220p	normal,-5%,5%
C653	2310055	Bottom	J	4	CHIPCAP NP0 3N9 J 16V 0805	3n9	normal,-5%,5%
C654	2320633	Bottom	J	4	CHIPCAP NP0 220P J 25V 0402	220p	normal,-5%,5%
C655	2320481	Bottom	K	4	CHIPCAP X5R 1U K 6V3 0603	1u0	normal,-10%,10%
C656	2320520	Bottom	K	3	Chipcap +-0.25pF NP0	2p2	normal,-0.25pF,0.25pF
C657	2320520	Bottom	K	3	Chipcap +-0.25pF NP0	2p2	normal,-0.25pF,0.25pF
C658	2320520	Bottom	K	6	Chipcap +-0.25pF NP0	2p2	normal,-0.25pF,0.25pF
C660	2320560	Bottom	J	2	Chipcap 5% NP0	100p	normal,-5%,5%
C661	2320805	Bottom	K	2	CHIPCAP X5R 100N K 10V 0402	100n	normal,-10%,10%
C662	2320536	Bottom	K	2	Chipcap 5% NP0	10p	normal,-5%,5%
C699	2320508	Bottom	F	4	Chipcap +-0.25pF NP0	1p0	normal,-0.25pF,0.25pF
C700	2320621	Bottom	G	4	CHIPCAP NP0 0P5 C 50V 0402	0p5	normal,-0.25p,0.25p
C701	2320548	Bottom	G	4	Chipcap 5% NP0	33p	normal,-5%,5%
C702	2320548	Bottom	G	4	Chipcap 5% NP0	33p	normal,-5%,5%
C703	2320554	Bottom	G	4	Chipcap 5% NP0	56p	normal,-5%,5%
C705	2320536	Bottom	D	4	Chipcap 5% NP0	10p	normal,-5%,5%
C706	2320604	Bottom	F	3	Chipcap 5% NP0	18p	normal,-5%,5%
C707	2320508	Bottom	F	3	Chipcap +-0.25pF NP0	1p0	normal,-0.25pF,0.25pF
C708	2611753	Bottom	P	7	CHIPTCAP 33U M 16V 6.0X3.2X1.5	33u_16V	normal,-20%,20%
C709	2611741	Bottom	B	5	CHIPTCAP 4U7 M 10V 2.0X1.3X1.2	4u7_10V	normal,-20%,20%
C710	2320778	Bottom	B	6	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C711	2320548	Bottom	D	7	Chipcap 5% NP0	33p	normal,-5%,5%
C712	2320778	Bottom	B	5	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C716	2320548	Bottom	C	4	Chipcap 5% NP0	33p	normal,-5%,5%
C717	2320536	Bottom	C	3	Chipcap 5% NP0	10p	normal,-5%,5%
C718	2320778	Bottom	E	5	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C719	2320778	Bottom	E	6	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C720	2320534	Bottom	F	3	Chipcap +-0.25pF NP0	8p2	normal,-0.25pF,0.25pF
C721	2320548	Bottom	F	4	Chipcap 5% NP0	33p	normal,-5%,5%
C723	2320744	Bottom	G	5	Chipcap X7R 10% 50V 0402	1n0	normal,-10%,10%
C725	2320508	Bottom	F	4	Chipcap +-0.25pF NP0	1p0	normal,-0.25pF,0.25pF
C726	2320514	Bottom	G	4	Chipcap +-0.25pF NP0	1p2	normal,-0.25pF,0.25pF
C727	2320546	Bottom	E	6	Chipcap 5% NP0	27p	normal,-5%,5%
C729	2320548	Top	E	6	Chipcap 5% NP0	33p	normal,-5%,5%
C730	2320744	Bottom	I	4	Chipcap X7R 10% 50V 0402	1n0	normal,-10%,10%
C733	2320778	Bottom	B	4	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C734	2320778	Bottom	B	7	Chipcap X7R 10% 16V 0402	10n	normal,-10%,10%
C751	2320560	Bottom	G	4	Chipcap 5% NP0	100p	normal,-5%,5%
C752	2322023	Bottom	H	4	CHIPCAP NP0 2N2 J 16V 0603	2n2	normal,-5%,5%
C753	2320538	Bottom	D	3	Chipcap 5% NP0	12p	normal,-5%,5%
C754	2320538	Bottom	D	4	Chipcap 5% NP0	12p	normal,-5%,5%
C756	2320546	Bottom	D	3	Chipcap 5% NP0	27p	normal,-5%,5%
C759	2320546	Bottom	D	4	Chipcap 5% NP0	27p	normal,-5%,5%
C780	2320548	Bottom	C	2	Chipcap 5% NP0	33p	normal,-5%,5%
C781	2320548	Bottom	B	2	Chipcap 5% NP0	33p	normal,-5%,5%
D200	4370841	Top	P	4	UEM V6.0 W-DOG ENA TO09L TFBGA168	~	~
D400	4370815	Top	L	4	UPP8M V1.1 F741987A C05 UBGA144	~	~

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Item	Code	Side	X	Y	Part name	Value	Description
D450	4341207	Top	N	6	FLASH NMP DCT4 64MBIT 40MHZ	4Mx16	~
F100	5119019	Top	S	5	SM FUSE F 1.5A 32V 0603	~	~
G650	4350301	Bottom	J	4	VCO 3290-3980MHZ 2.7V 20MA	3290-3980	~
G660	4510349	Bottom	J	2	VCTCXO 26MHZ+-10PPM 2.7V 1.5MA	26MHz	~
L100	3203743	Top	R	5	FERR.BEAD 0R03 42R/100MHZ 3A 0805	~	~
L101	3645319	Top	R	7	CHIP COIL 220N J Q25/100MHZ 0603	220nH	normal,-5%,5%
L104	3203801	Top	R	6	CHIP BEAD ARRAY 2X1000R 0405	2x1000R/1	-
L105	3203725	Top	R	7	FERRITE BEAD 0R6 600R/100M 0402	~	~
L106	3203725	Top	R	6	FERRITE BEAD 0R6 600R/100M 0402	~	~
L107	3203725	Top	R	6	FERRITE BEAD 0R6 600R/100M 0402	~	~
L151	3203801	Top	E	3	CHIP BEAD ARRAY 2X1000R 0405	2x1000R/1	-
L356	3645327	Bottom	J	7	CHIP COIL 72N G Q34/150MHZ 0603	72nH	normal,-2%,2%
L357	3645207	Bottom	J	7	CHIP COIL 56N G Q38/200MHZ 0603	56nH	normal,-2%,2%
L470	3203725	Bottom	M	3	FERRITE BEAD 0R6 600R/100M 0402	~	~
L471	3203725	Bottom	M	3	FERRITE BEAD 0R6 600R/100M 0402	~	~
L472	3203725	Bottom	M	3	FERRITE BEAD 0R6 600R/100M 0402	~	~
L500	3646091	Bottom	E	2	CHIP COIL 6N8 J Q27/800M 0402	6n8H	normal,-5%,5%
L501	3646077	Bottom	G	2	CHIP COIL 82N J Q17/300M 0402	82nH	normal,-5%,5%
L502	3646055	Bottom	D	2	CHIP COIL 8N2 J Q28/800MHZ 0402	8n2H	normal,-5%,+5%
L503	3646067	Bottom	D	2	CHIP COIL 18N J Q29/800M 0402	18nH	normal,-5%,5%
L504	3646047	Bottom	D	3	CHIP COIL 3N3 +-0N3 Q28/800M 0402	3n3H	normal,-0n3,+0n3%
L549	3646055	Bottom	C	2	CHIP COIL 8N2 J Q28/800MHZ 0402	8n2H	normal,-5%,+5%
L550	3646051	Bottom	E	3	CHIP COIL 3N9 +-0N3 Q28/800M 0402	3n9H	normal,-0n3,+0n3
L551	3646091	Bottom	G	3	CHIP COIL 6N8 J Q27/800M 0402	6n8H	normal,-5%,5%
L700	3646059	Bottom	G	4	CHIP COIL 5N6 +-0N3 Q28/800M 0402	5n6H	normal,-0n3,+0n3
L701	3646059	Bottom	G	5	CHIP COIL 5N6 +-0N3 Q28/800M 0402	5n6H	normal,-0n3,+0n3
L703	3203743	Bottom	E	6	FERR.BEAD 0R03 42R/100MHZ 3A 0805	~	~
L708	3646051	Bottom	G	4	CHIP COIL 3N9 +-0N3 Q28/800M 0402	3n9H	normal,-0n3,+0n3
L750	4550197	Bottom	C	4	DIR.COULER 850/1800/1900 2.1X1.35	~	~
N356	4341023	Bottom	I	7	AM/FM RECEIVER TEA5757 LQFP48	~	~
N600	4370781	Bottom	H	3	HAGAR 5 LFBGA80	~	~
N700	435H092	Bottom	C	5	PW AMP RF3132 GSM850/1900 3.5V	~	~
R102	1430804	Top	N	8	Resistor 5% 63mW	100k	normal,-5%,5%
R152	1430762	Top	O	2	Resistor 5% 63mW	2k2	normal,-5%,5%
R154	1430778	Top	S	4	Resistor 5% 63mW	10k	normal,-5%,5%
R155	1430804	Top	Q	6	Resistor 5% 63mW	100k	normal,-5%,5%
R156	1620105	Top	O	2	RES NETWORK 0W06 2X2k2 J 0404	2x2k2	~
R157	1620105	Top	O	2	RES NETWORK 0W06 2X2k2 J 0404	2x2k2	~
R159	1825031	Top	R	6	VARISTOR ARRAY 2XVWM16V VC50 0405	2XVWM16	normal,-20%,20%
R161	1825031	Top	R	6	VARISTOR ARRAY 2XVWM16V VC50 0405	2XVWM16	normal,-20%,20%
R164	1620103	Bottom	P	2	Chipres Array 0W06 J 0404	2x22R	normal,-5%,5%
R165	1620103	Top	Q	2	Chipres Array 0W06 J 0404	2x22R	normal,-5%,5%
R166	1430137	Top	P	2	CHIPRES 0W06 1K0 F 200PPM 0402	1k0	normal,-1%,1%
R167	1430137	Top	P	2	CHIPRES 0W06 1K0 F 200PPM 0402	1k0	normal,-1%,1%
R168	1430778	Top	R	4	Resistor 5% 63mW	10k	normal,-5%,5%
R200	1419003	Top	R	4	CHIPRES 0W5 0R22 J 1210	0R22	normal,-5%,5%
R202	1620067	Top	N	2	RES NETWORK 0W06 4X100K J 0804	4x100k	normal,-5%,5%
R203	1620029	Top	N	2	RES NETWORK 0W06 2X4K7 J 0404	2x4k7	normal,-5%,5%
R204	1430778	Top	P	7	Resistor 5% 63mW	10k	normal,-5%,5%
R301	1430770	Top	L	5	Resistor 5% 63mW	4k7	normal,-5%,5%
R304	1430681	Top	M	5	CHIPRES 0W06 4R3 J 0402	4R3	normal,-5%,5%
R305	1430744	Top	M	5	Resistor 5% 63mW	470R	normal,-5%,5%
R306	1825033	Top	M	7	CHIP VARISTOR VW14V VC46V 0402	14V/46V	-
R307	1430695	Top	M	5	CHIPRES 0W06 6R8 J 0402	6R8	normal,-5%,5%
R350	1419009	Bottom	F	6	CHIPRES 0W5 4R7 J 1210	4R7	normal,-5%,5%

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R352	1430804	Bottom	F	6	Resistor 5% 63mW	100k	normal,-5%,5%
R358	1430778	Bottom	K	7	Resistor 5% 63mW	10k	normal,-5%,5%
R359	1430722	Bottom	G	6	Resistor 5% 63mW	68R	normal,-5%,5%
R360	1430802	Bottom	J	6	Resistor 5% 63mW	82k	normal,-5%,5%
R361	1430762	Bottom	I	6	Resistor 5% 63mW	2k2	normal,-5%,5%
R362	1430770	Bottom	I	5	Resistor 5% 63mW	4k7	normal,-5%,5%
R363	1430778	Bottom	H	6	Resistor 5% 63mW	10k	normal,-5%,5%
R364	1430804	Bottom	I	5	Resistor 5% 63mW	100k	normal,-5%,5%
R365	1430778	Bottom	H	6	Resistor 5% 63mW	10k	normal,-5%,5%
R369	1430796	Bottom	G	7	Resistor 5% 63mW	47k	normal,-5%,5%
R370	1430796	Bottom	K	7	Resistor 5% 63mW	47k	normal,-5%,5%
R371	1430778	Bottom	H	7	Resistor 5% 63mW	10k	normal,-5%,5%
R380	1430796	Bottom	H	8	Resistor 5% 63mW	47k	normal,-5%,5%
R381	1430804	Bottom	J	5	Resistor 5% 63mW	100k	normal,-5%,5%
R382	1430796	Bottom	G	7	Resistor 5% 63mW	47k	normal,-5%,5%
R383	1430796	Bottom	H	7	Resistor 5% 63mW	47k	normal,-5%,5%
R388	4120071	Bottom	O	2	ASIP EMIF03-SIM01 SIM FILTER BGA8	~	~
R420	1430726	Bottom	H	5	Resistor 5% 63mW	100R	normal,-5%,5%
R421	1620019	Top	O	5	RES NETWORK 0W06 2X10K J 0404	2x10k	normal,-5%,5%
R422	1430268	Top	P	6	CHIPRES 0W06 27K F 100PPM 0603	27k	normal,-1%,+1%
R450	1430770	Top	M	7	Resistor 5% 63mW	4k7	normal,-5%,5%
R500	1430726	Bottom	E	2	Resistor 5% 63mW	100R	normal,-5%,5%
R501	1430700	Bottom	F	2	Resistor 5% 63mW	10R	normal,-5%,5%
R502	1430846	Bottom	E	2	Resistor 1% 63mW	2k7	normal,-1%,1%
R550	1430746	Bottom	E	3	Resistor 5% 63mW	560R	normal,-5%,5%
R551	1430700	Bottom	E	4	Resistor 5% 63mW	10R	normal,-5%,5%
R600	1620081	Bottom	I	2	RES NETWORK 0W03 4X22R J 0804	4x22R	normal,-5%,5%
R602	1430770	Bottom	I	2	Resistor 5% 63mW	4k7	normal,-5%,5%
R603	1430846	Bottom	G	3	Resistor 1% 63mW	2k7	normal,-1%,1%
R604	1430770	Bottom	H	2	Resistor 5% 63mW	4k7	normal,-5%,5%
R606	1430784	Bottom	H	2	Resistor 5% 63mW	15k	normal,-5%,5%
R607	1620033	Bottom	I	4	RES NETWORK 0W06 2X5K6 J 0404	2x5k6	~
R608	1620033	Bottom	I	4	RES NETWORK 0W06 2X5K6 J 0404	2x5k6	~
R610	1430700	Bottom	I	4	Resistor 5% 63mW	10R	normal,-5%,5%
R650	1430770	Bottom	K	4	Resistor 5% 63mW	4k7	normal,-5%,5%
R651	1430772	Bottom	J	4	Resistor 5% 63mW	5k6	normal,-5%,5%
R652	1430700	Bottom	K	4	Resistor 5% 63mW	10R	normal,-5%,5%
R660	1430762	Bottom	J	2	Resistor 5% 63mW	2k2	normal,-5%,5%
R661	1430774	Bottom	K	2	Resistor 5% 63mW	6k8	normal,-5%,5%
R700	1620121	Bottom	G	4	RES NETWORK 0W06 2X220R J 0404	2x220R	normal,-5%,5%
R701	1620121	Bottom	G	4	RES NETWORK 0W06 2X220R J 0404	2x220R	normal,-5%,5%
R703	1430714	Bottom	E	5	Resistor 5% 63mW	33R	normal,-5%,5%
R704	1430718	Bottom	E	6	Resistor 5% 63mW	47R	normal,-5%,5%
R706	1430693	Bottom	G	5	Chipres 0W06 5R6 J 0402	5R6	normal,-5%,5%
R707	1430693	Bottom	G	4	Chipres 0W06 5R6 J 0402	5R6	normal,-5%,5%
R722	1620507	Bottom	E	5	RES NETWORK 0W04 3DB ATT 0404	292R/17R6	~
R751	1430770	Bottom	E	4	Resistor 5% 63mW	4k7	normal,-5%,5%
R752	1430788	Bottom	H	4	Resistor 5% 63mW	22k	normal,-5%,5%
R753	1430770	Bottom	D	4	Resistor 5% 63mW	4k7	normal,-5%,5%
R754	1430726	Bottom	D	4	Resistor 5% 63mW	100R	normal,-5%,5%
R755	1430718	Bottom	D	3	Resistor 5% 63mW	47R	normal,-5%,5%
R756	1430770	Bottom	H	5	Resistor 5% 63mW	4k7	normal,-5%,5%
R757	1430778	Bottom	D	4	Resistor 5% 63mW	10k	normal,-5%,5%
R780	1430700	Bottom	C	2	Resistor 5% 63mW	10R	normal,-5%,5%
R781	1430700	Bottom	B	2	Resistor 5% 63mW	10R	normal,-5%,5%

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Item	Code	Side	X	Y	Part name	Value	Description
R782	1620515	Bottom	E	6	RES NETWORK 0W04 1DB ATT 0404	870R/5R77	~
S300	5200025	Top	B	7	SM TACT SW SIDE TRAVEL 0.2MM	~	~
S301	5200025	Top	C	2	SM TACT SW SIDE TRAVEL 0.2MM	~	~
S302	5200025	Top	D	2	SM TACT SW SIDE TRAVEL 0.2MM	~	~
T650	4550187	Bottom	I	3	TRANSF BALUN 3600MHZ+-400MHZ	~	~
T700	3640431	Bottom	F	4	TRANSF BALUN 1920+/-70MHZ 0805	~	~
V100	4113721	Top	R	4	TVS DI 1PMT16AT3 16V 175W PWRMITE	~	~
V300	4219937	Top	N	5	TRX2 UMT1/PUMT1 P40V100MA SOT363	~	~
V301	4219937	Top	M	5	TRX2 UMT1/PUMT1 P40V100MA SOT363	~	~
V324	4864595	Top	K	3	LED CL270PSB72 PASTELBLUE 90' 0603	~	~
V325	4864595	Top	K	7	LED CL270PSB72 PASTELBLUE 90' 0603	~	~
V326	4864595	Top	K	4	LED CL270PSB72 PASTELBLUE 90' 0603	~	~
V327	4864595	Top	K	5	LED CL270PSB72 PASTELBLUE 90' 0603	~	~
V329	4110475	Top	M	5	SCH DI RB521S-30 200MA 35V SOD523	~	~
V350	4219921	Bottom	F	5	TR DTC143ZE N RBE4K7/47K 0A1 SC75	~	~
V351	4860101	Bottom	C	8	IRDA TFDU5102 9.K6-1M152 BABYFACE	~	~
V356	4110931	Bottom	K	7	CAPDIX2 BBY66-05 CT=5.5 FM SOT23	~	~
V357	4110931	Bottom	K	6	CAPDIX2 BBY66-05 CT=5.5 FM SOT23	~	~
V500	4210277	Bottom	D	2	TR BGB420 MIRROR ADJ BIAS SOT343	~	~
V550	4210261	Bottom	D	3	TR BGA428 LNA1.8GHZ 19.5DB SOT363	~	~
V750	4110079	Bottom	D	4	SCH DIX2 HSMS282C 15V <1PF SOT323	~	~
X100	5400181	Bottom	R	5	SYS CONN SPR HS/SW+DC+MIC+V.MOTOR	~	~
X101	5409141	Bottom	P	5	SM BATTERY CONN 4POL SPR. 12V 2A	~	~
X300	5409183	Top	I	5	SM LCD CONN 1X8 P2.0 SPR 50V 0.5A	~	~
X303	5469135	Top	L	6	SM CONN 2X8 SPR 50V 0.5A PCB/PCB	~	~
X386	5409107	Bottom	M	4	SM SIM CONN 2X3POL P2.54 H=1.6MM	~	~
Z260	3203741	Top	R	5	FERRITE BEAD 0R5 600R/100MHZ 0603	~	~
Z261	3203741	Top	R	4	FERRITE BEAD 0R5 600R/100MHZ 0603	~	~
Z262	3203741	Top	Q	7	FERRITE BEAD 0R5 600R/100MHZ 0603	~	~
Z263	3203741	Top	R	5	FERRITE BEAD 0R5 600R/100MHZ 0603	~	~
Z264	3203741	Top	R	5	FERRITE BEAD 0R5 600R/100MHZ 0603	~	~
Z265	3203741	Top	P	7	FERRITE BEAD 0R5 600R/100MHZ 0603	~	~
Z301	4120031	Top	M	6	EMI/ESD FILT EMIF10-1K010F1 BGA24	~	~
Z356	4550145	Bottom	G	7	CER FILT 10.7+-0.03MHZ 3.45X3.1	10.7MHz	~
Z357	4550099	Bottom	H	6	CER FILT 10.7+-0.0225MHZ 3.4X2.6	10.7MHz	~
Z358	4550145	Bottom	F	7	CER FILT 10.7+-0.03MHZ 3.45X3.1	10.7MHz	~
Z500	4550185	Bottom	C	3	ANT.SW 824-894/1850-1990MHZ 6.7X5	824-894/18	~
Z501	4510357	Bottom	G	2	SAW FILT 881.5 +-12.5MHZ/3DB 2.5X2	881.5MHz	~
Z520	4510353	Bottom	D	2	SAW FILT 881.5/1960MHZ 3X2.5X0.9	881.5/1960	~
Z551	4511273	Bottom	F	3	SAW FILT 1960+-30MHZ/4.0DB 2520	1960MHz	~
Z700	4510351	Bottom	F	4	SAW FILT 836.5+-12.5MHZ/2.5DB	836.5MHz	~

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